NATO OTAN

DMSMS & Standardization Conference 2011

~ NATO STANDARDIZATION ~
60 YEARS of NORMATIVE SUCCESS

NATO Standardization Agency

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Hollywood (FL), 30 August 2011

Report Documentation Page

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Outline

- **Historical background of NATO Standardization**
  or Where we came from
- **Present Status**
  or Where we are today
- **Future of NATO Standardization**
  or Where we want to go

NATO
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NSA

DIRECTOR'S OFFICE

Military Standards?

Habit

Iron on Iron -> CBRN – Alarm **STANAG**

2047 "Emergency Alarms"

1st Edition May 1964 - now Edition 8, dated Aug 2010

Operational Need

Air-to-Air Refueling

STANAG 3971 "Air-to-Air Refuelling" (ATP 3.3.4.2)

1st Edition May 1990 – now Edition 6, dated Jan 2010

Cooperation with Partners

- NATO – RUS exercises "Submarine Escape Ops"
  STANAG 1390 "Submarine Rescue Manual" (ATP-57 (B))
  1st Edition Jul 1991 – now Edition 6, dated Jul 2009

History – a STD perspective

"Cold War"

ADOPTION

Systematic

Use of given (USSR) Doctrine, Material…
Mostly Top-Down Approach

STANDARDIZATION

Voluntary

Consensus Principle of Members for a STD solution (Competition in development, Discussions of Doctrine,…)

Standardization supported NATO to win the Cold War!

NSA - Where we came from…

1951	Founded as Military Standardization Agency (MSA), located in London
1970	Renamed to Military Agency for Standardization (MAS), moved to Brussels
1993	First approach to create a NATO Standardization Agency (not implemented)
1994	Implementation of Office for NATO Standardization (ONS)
2000	Merging ONS and MAS and renaming to NATO Standardization Agency (NSA)
2010/2011	NATO Reform Initiatives 2010 Lisbon Summit – New Strategic Concept June 2011 Defence Ministerials - NATO Agency Reform

STD today's Environment

- New Threats
- Article 5 / Non-Article 5
- New Forms of Conflict
- New Security-Political Actors
- New Tasks and Operations
- Increased Speed of Technical Innovation
- NATO Reform Initiatives (e.g. Agencies Reform)

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NATO STANDARDIZATION ORGANIZATION

NSO

ORGANISATION DE NORMALISATION DE L'OTAN

Be wise - Standardize!

NSA

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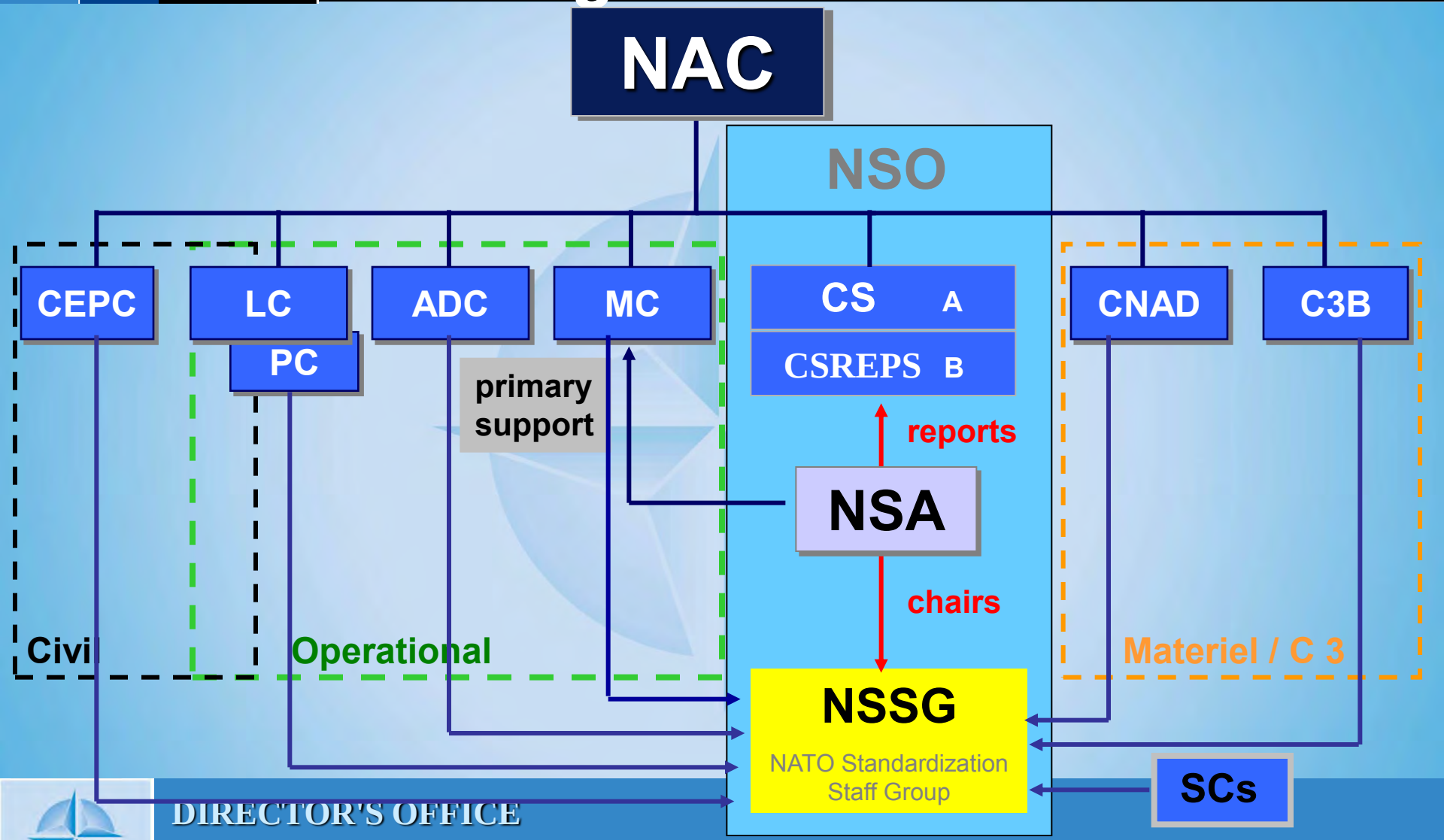
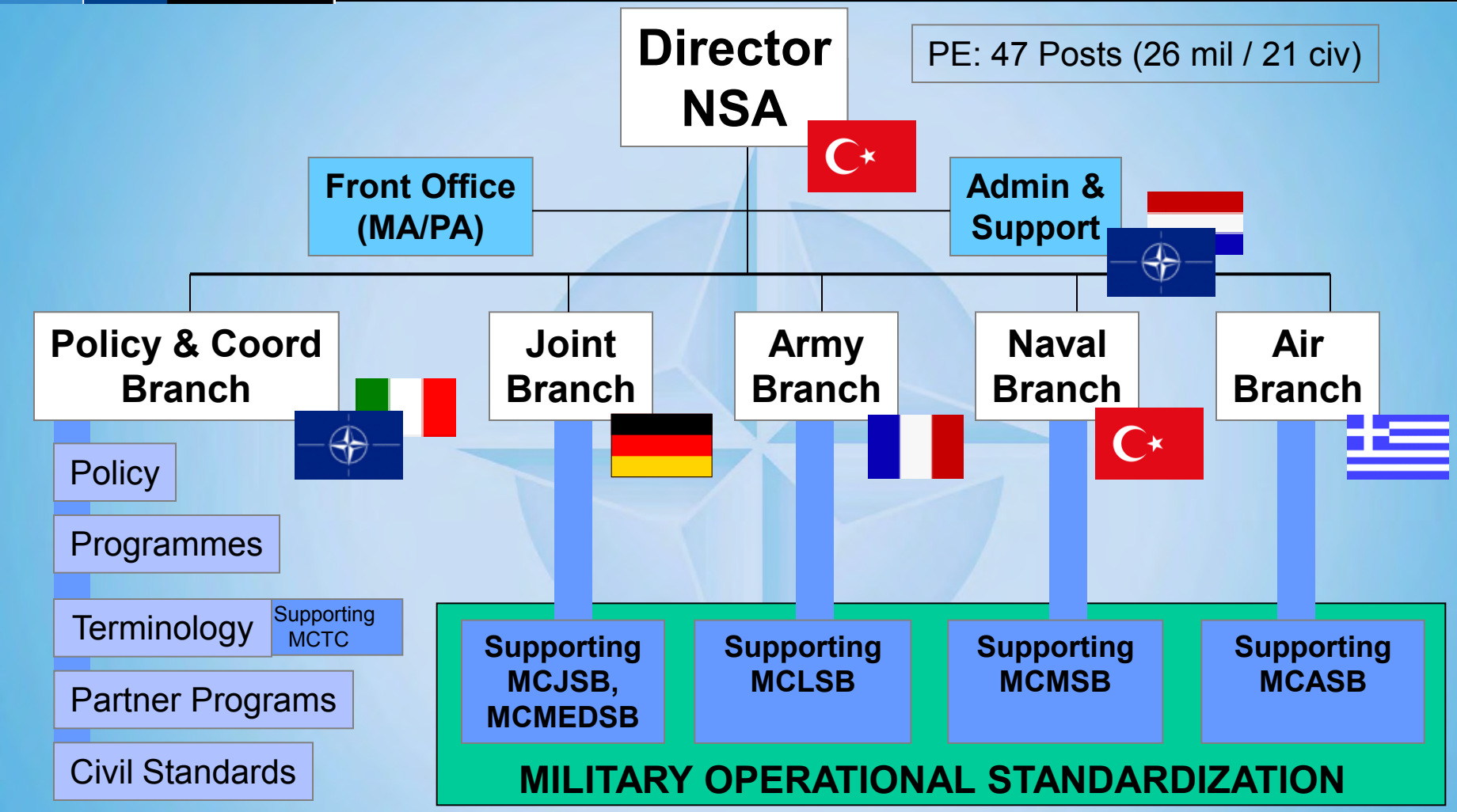
NATO Standardization Organization Structure



NSA Current Structure



Standard Development

Top-Down Process

FORCE PLANNING – NATO Defence Planning Process

Requirements

Capabilities → Interoperability → Standards

TASK

NATO STANDARDIZATION ORGANIZATION

PROPOSAL

Bottom-Up Process

LESSONS LEARNED

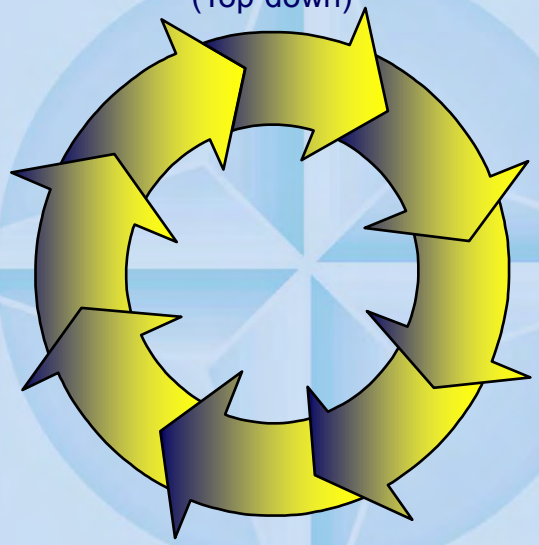
OPERATIONS **EXERCISES** **DAILY USE**

Standard Development

PROPOSAL
(Bottom –up)

INQUIRY
Tasking Authority (NATIONS)

TASK
(Top-down)



REVIEW
WG (= NATIONS/SCs)

DEVELOPMENT
WG (= NATIONS/SCs)

IMPLEMENTATION
NATIONS & SCs

RATIFICATION
NATIONS (Capitals)

PROMULGATION
DNSA

Achievements

Achievements

- Creation of more than 2000 STANAGs and APs
- Administration of 8000+ documents in the NATO Standardization Documents Database (NSDD)
- Creation of 10000+ definitions of NATO Terminology and their presentation in the NATO Terminology Database (NTDB), and in the NATO Terminology Management System (NTMS)
- 90+ % of standardization activities open for Partners around the globe

60 YEARS FOSTERING INTEROPERABILITY
of NATO Forces and their Partners

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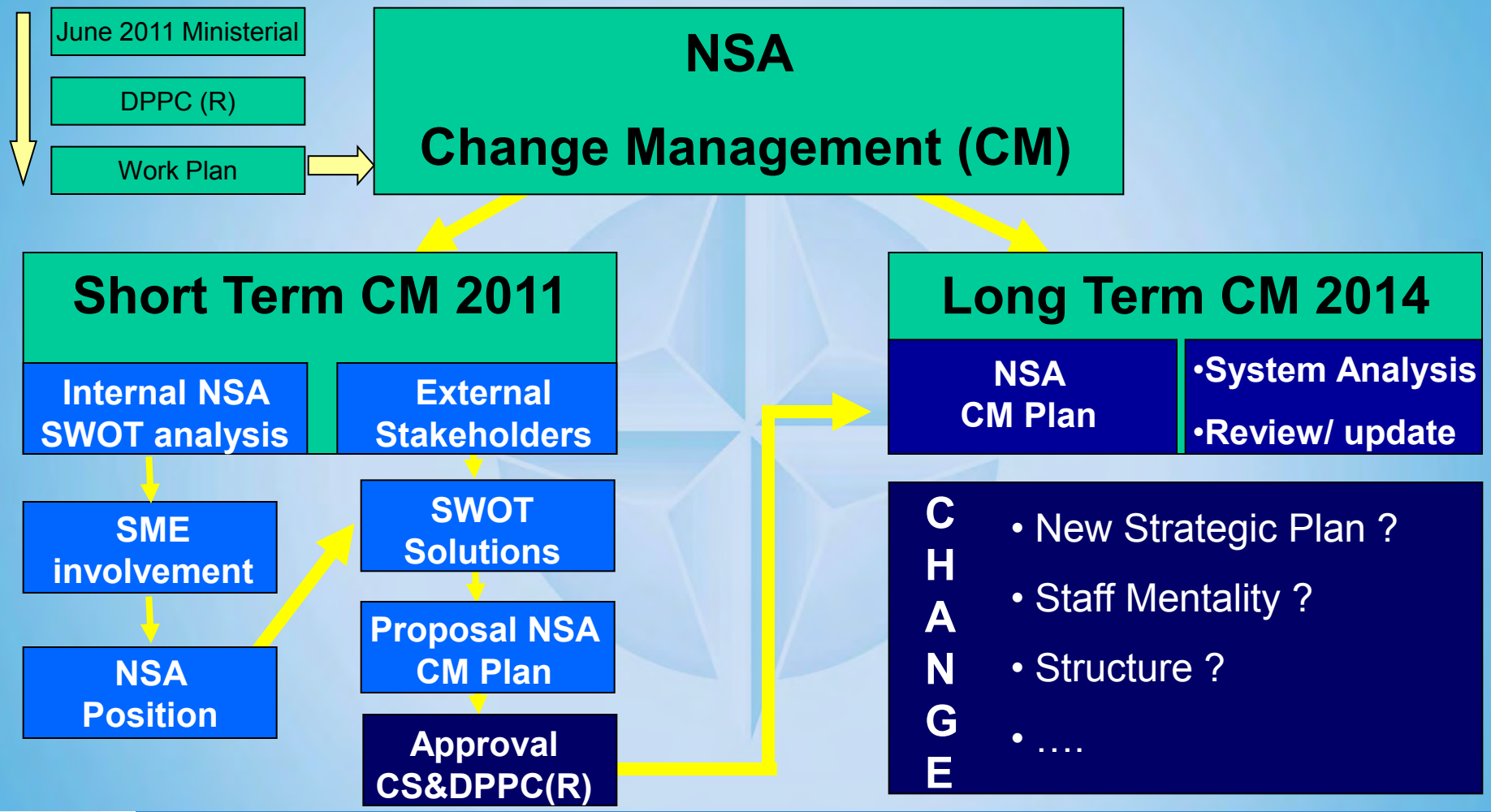
Civil Standards Organisations

Future of NATO Standardization

NATO Agencies Reform – Milestones-

Nov 2010	Lisbon Summit	NEW STRATEGIC CONCEPT "NATO Agencies from 14 to 3"
June 2011	Defence Minister Meeting	Framework for NATO Agencies Reform Implementation
July 2011	Defence Policy and Planning Committee (DPPC) (R)	Work plan for NATO Agencies Reform Implementation
End of 2011	DNSA - Committee for Standardization (CS)	Plan to improve NSA efficiency and effectiveness
Spring 2014	Defence Policy and Planning Committee (DPPC) (R)	Final end state of NATO Standardization Organisation (incl. NSA)

Way ahead for NSA Reform



Where we are…

- **SWOT Analysis**

  July 2011

  - Internal analysis completed
  - External Stakeholders inputs collected and included

- **Draft "NSA Change Management Plan"**

  August 2011

  - NSA "Food for Thought" paper to external Stakeholders
  - External Inputs collected and included

- **Proposal "NSA Change Management Plan" to Committee for Standardization (CS)**

  September 2011

  - Finalizing the Draft proposal

  12 October 2011

  - Presentation of NSA proposal to national Representatives in the CSREPs format

  October 2011

  - Collection and inclusion of CSREPs inputs in NSA proposal

  16 November 2011

  - Presentation of the final way forward to CS

Future NSA ?

- (Possible) Vision for NSA

- THE SUPPORTING STANDARDIZATION MANAGEMENT BODY TO ALL STANDARD DEVELOPPING ENTITIES IN NATO

And

- THE FOCAL POINT OF CONTACT FOR ALL ENTITIES OUTSIDE NATO COOPERATING WITH NATO IN STANDARDIZATION

"… the NATO
Standardization Agency (NSA) … in [its]
updated and **extended** role.
An agency which works quietly in the background and
improves with its coordination job the Alliance's efficiency.

The goal:

fostering interoperability."

found in: NATO's Nations and Partners for Peace **III/2007**
written by: Manfred Sadlowski